## **WEST Search History for Application 10665156**

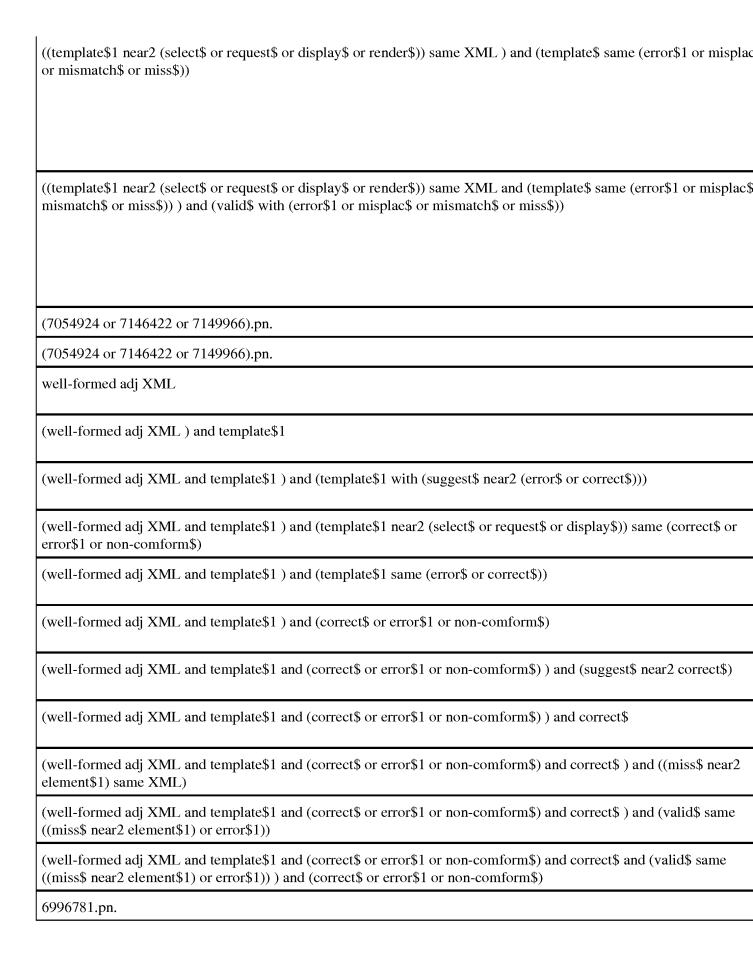
| Query                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ((identif\$ or determin\$) and (validat\$ near2 error\$1) and XML and conform\$ and rule\$ and (schema\$ or DTD)).clm.                                        |
| ((validat\$ near2 error\$) and (finite adj automaton) and deterministic and (content adj model) and (schema\$ or DTD) XML).clm.                               |
| (select\$ and template\$ and (validat\$ near2 error\$) and (correct\$ near2 suggest\$)).clm.                                                                  |
| ((modif\$ or edit\$ or manipulat\$ or chang\$ or alter\$) and XML and (conform\$ near4 rule\$1) and (schema\$ or DTD)).clm.                                   |
| ((modif\$ or edit\$ or manipulat\$ or chang\$ or alter\$) and XML and (schema\$ or DTD) and (retag\$ near3 element\$) a ((new or current) adj location)).clm. |
| ((retag\$ near3 element\$) and ((new or current) adj location) and XML and (validat\$ near2 error\$)).clm.                                                    |
| (suggest\$ near2 template\$1) with ((validat\$ near2 (error\$1 or misplac\$ or mismatch\$ or miss\$)))                                                        |
| (suggest\$ near2 template\$1) same (error\$1 or misplac\$ or mismatch\$ or miss\$)                                                                            |
| (suggest\$ near2 template\$1) same validat\$                                                                                                                  |
|                                                                                                                                                               |
|                                                                                                                                                               |
| template\$ same validat\$                                                                                                                                     |
|                                                                                                                                                               |
|                                                                                                                                                               |
| template\$ with validat\$                                                                                                                                     |
|                                                                                                                                                               |
|                                                                                                                                                               |

| template\$ with validat\$ with (error\$1 or misplac\$ or mismatch\$ or miss\$)                    |
|---------------------------------------------------------------------------------------------------|
|                                                                                                   |
|                                                                                                   |
| (template\$ with validat\$ with (error\$1 or misplac\$ or mismatch\$ or miss\$) ) and XML         |
|                                                                                                   |
|                                                                                                   |
| 20050262115                                                                                       |
| XML adj template\$1                                                                               |
| (XML adj template\$1) same validat\$                                                              |
| (XML adj template\$1) same valid\$ same (error\$1 or misplac\$ or mismatch\$ or miss\$)           |
|                                                                                                   |
|                                                                                                   |
| (XML adj template\$1) same (error\$1 or misplac\$ or mismatch\$ or miss\$)                        |
|                                                                                                   |
|                                                                                                   |
| (select\$ ner2 template\$1)                                                                       |
|                                                                                                   |
|                                                                                                   |
| ((select\$ ner2 template\$1) ) and (valid\$ same (error\$1 or misplac\$ or mismatch\$ or miss\$)) |
|                                                                                                   |

| ((select\$ ner2 template\$1) ) and (valid\$ with (error\$1 or misplac\$ or mismatch\$ or miss\$))                                                                          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| ((select\$ ner2 template\$1) ) and (valid\$ with (error\$1 or misplac\$ or mismatch\$ or miss\$) with template\$1)                                                         |      |
| ((select\$ ner2 template\$1) and (valid\$ with (error\$1 or misplac\$ or mismatch\$ or miss\$) with template\$1) ) and (2 or (structure adj document))                     | ζM   |
| (template\$1 near2 (select\$ or request\$ or display\$ or render\$)) same XML                                                                                              |      |
| ((template\$1 near2 (select\$ or request\$ or display\$ or render\$)) same XML) and (template\$ same suggest\$ same (error\$1 or misplac\$ or mismatch\$ or miss\$))       |      |
| ((suggest\$ near2 template\$1) with ((validat\$ near2 (error\$1 or misplac\$ or mismatch\$ or miss\$))) ) and (template\$ (error\$1 or misplac\$ or mismatch\$ or miss\$)) | S sa |

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(7,047,488 6,915,303 6,643,633 5,787,416).pn. 7373595.pn. 7149966.pn. 20030171964 20020161759 20020152244 20040006744 ('5829004' | '5900004' | '6558431' | '6658622' | '20030103072' | '20030136841' | '20030163603' | '20030167446' | '20030177443'|'20030210260'|'20030236903'|'20040143792'|'20040205592')![pn] (('5829004' | '5900004' | '6558431' | '6658622' | '20030103072' | '20030136841' | '20030163603' | '20030167446' | '20030177443' | '20030210260' | '20030236903' | '20040143792' | '20040205592')![pn] ) and (template\$1 same validation) (('5829004' | '5900004' | '6558431' | '6658622' | '20030103072' | '20030136841' | '20030163603' | '20030167446' | '20030177443' | '20030210260' | '20030236903' | '20040143792' | '20040205592')![pn] ) and template\$1 (('5829004' | '5900004' | '6558431' | '6658622' | '20030103072' | '20030136841' | '20030163603' | '20030167446' | '20030177443' | '20030210260' | '20030236903' | '20040143792' | '20040205592')![pn] and template\$1 ) and valid\$ 7054924.pn. (7054924.pn.) and (template\$1 same valid\$) (template\$1 same ((validat\$ or correct\$ or suggest\$) near2 (error\$ or misplac\$ or mismatch\$))) ((template\$1 same ((validat\$ or correct\$ or suggest\$) near2 (error\$ or misplac\$ or mismatch\$)))) and ((select\$ near2 template\$1) with (validat\$ near2 error\$1)) ((select\$ near2 template\$1) same(validat\$ near2 error\$1)) (template\$1 near2 (display\$ or select\$)) same valid\$ ((template\$1 near2 (display\$ or select\$)) same valid\$ ) and ((XML or (structure adj document)) same conform\$) ((template\$1 near2 (display\$ or select\$)) same valid\$ and ((XML or (structure adj document)) same conform\$) ) and (error\$ or misplac\$ or mismatch\$) ((template\$1 near2 (display\$ or select\$)) same valid\$ and ((XML or (structure adj document)) same conform\$) and

('5361355' | '5446575' | '5980096' | '6023702' | '6055543' | '6067548' | '6092075' | '6134706' | '6154738' | '6202205' | '6230315' | '6289501' | '6349237' | '6366930' | '6405179' | '6446256' | '6560569' | '6678882' | '20010029604' | '20020158880' | '20020169658' | '20030037301')![pn]

(error\$ or misplac\$ or mismatch\$) ) and (template\$1 same (command\$1 or argument\$ or parameter\$1 or replac\$ or

Creation Date: 2009050414:09

recognition))

(('5361355' | '5446575' | '5980096' | '6023702' | '6055543' | '6067548' | '6092075' | '6134706' | '6154738' | '6202205' | '6230315' | '6289501' | '6349237' | '6366930' | '6405179' | '6446256' | '6560569' | '6678882' | '20010029604' | '20020158880' | '20020169658' | '20030037301')![pn] ) and template\$1

 $\begin{array}{c} (('5361355' \ | \ '5446575' \ | \ '5980096' \ | \ '6023702' \ | \ '6055543' \ | \ '6067548' \ | \ '6092075' \ | \ '6134706' \ | \ '6154738' \ | \ '6202205' \ | \ '6230315' \ | \ '6289501' \ | \ '6349237' \ | \ '6366930' \ | \ '6405179' \ | \ '6446256' \ | \ '6560569' \ | \ '6678882' \ | \ '20010029604' \ | \ '20020158880' \ | \ '20020169658' \ | \ '20030037301')![pn] \ and \ template $1$ \ ) \ and \ valid $$ 

(715/200 | 715/229 | 715/234 | 715/235 | 715/236 | 715/237 | 715/248 | 715/255 | 715/256 | 715/257 | 715/259 | 715/273 | 715/713)![CCLS]

((715/200 | 715/229 | 715/234 | 715/235 | 715/236 | 715/237 | 715/248 | 715/255 | 715/256 | 715/257 | 715/259 | 715/273 | 715/713)![CCLS] ) and ((template\$1 same ((validat\$ or correct\$ or suggest\$) near2 (error\$ or misplac\$ or mismatch\$)

(707/1 | 707/10 | 707/100 | 707/200)! [CCLS]

 $((707/1\ | 707/10\ | 707/100\ | 707/200)![CCLS])$  and  $((template\$1\ same\ ((validat\$\ or\ correct\$\ or\ suggest\$)\ near\ 2\ (error\$\ misplac\$\ or\ mismatch\$))))$ 

(template\$1 same (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition))

((template\$1 same (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition)) ) and (template\$1 with valid

((template\$1 same (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition)) and (template\$1 with valid\$ and (template\$ with ((insert\$ or delet\$ or retag\$ or reus\$) near2 (element\$1 or component\$1)))

(template\$ with ((insert\$ or delet\$ or retag\$ or reus\$) near2 (element\$1 or component\$1)))

((template \$ with ((insert \$ or delet \$ or retag \$ or reus \$) near 2 (element \$1 or component \$1))) ) and ((template \$1 same ((validat \$ or correct \$ or suggest \$) near 2 (error \$ or misplac \$ or mismatch \$))) )

((template\$ with ((insert\$ or delet\$ or retag\$ or reus\$) near2 (element\$1 or component\$1))) ) and ((template\$1 near2 (display\$ or select\$)) same valid\$ )

((715/200 | 715/229 | 715/234 | 715/235 | 715/236 | 715/237 | 715/248 | 715/255 | 715/256 | 715/257 | 715/259 | 715/273 | 715/713)![CCLS] ) or ((707/1 | 707/10 | 707/100 | 707/200)![CCLS] )

((715/200 | 715/229 | 715/234 | 715/235 | 715/236 | 715/237 | 715/248 | 715/255 | 715/256 | 715/257 | 715/259 | 715/273 | 715/713)![CCLS] or (707/1 | 707/10 | 707/100 | 707/200)![CCLS]) and ((template\$ with ((insert\$ or delet\$ or retag\$ or reus\$) near2 (element\$1 or component\$1))))

 $((715/200\ | 715/229\ | 715/234\ | 715/235\ | 715/236\ | 715/236\ | 715/237\ | 715/248\ | 715/255\ | 715/256\ | 715/257\ | 715/259\ | 715/273\ | 715/713)![CCLS] \ or \ (707/1\ | 707/10\ | 707/100\ | 707/200)![CCLS] \ and \ (template\$ \ with \ ((insert\$ \ or \ delet\$ \ or \ retag\$ \ or \ reus\$) \ near2\ (element\$1\ or \ component\$1)))\ ) \ and\ ((template\$1\ same\ (command\$1\ or \ argument\$ \ or \ parameter\$1\ or \ replac\$ \ or \ recognition))\ )$ 

(error\$ or misplac\$ or mismatch\$) with template\$ with valid\$

((error\$ or misplac\$ or mismatch\$) with template\$ with valid\$ ) and ((template\$ with ((insert\$ or delet\$ or retag\$ or

reus\$) near2 (element\$1 or component\$1))) )

((error\$ or misplac\$ or mismatch\$) with template\$ with valid\$ ) and ((template\$1 same (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition)) )

((error\$ or misplac\$ or mismatch\$) with template\$ with valid\$ and (template\$1 same (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition)) ) and ((template\$1 near2 (display\$ or select\$)) same valid\$ )

(template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$))

((template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$)) ) and ((715/200 |715/229 |715/234 |715/235 |715/236 |715/237 |715/248 |715/255 |715/256 |715/257 |715/259 |715/273 |715/273 |715/713)![CCLS] or (707/1 |707/10 |707/100 |707/200)![CCLS] )

((template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$)) ) and ((select\$ near2 template\$1) with (validat\$ near2 error\$1))

((template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$)) ) and ((template\$1 near2 (display\$ or select\$)) with (valid\$ or conform\$))

((template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$))) and ((template\$ with ((insert\$ or delet\$ or retag\$ or reus\$) near2 (element\$1 or component\$1)))))

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((template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$)) ) and ((select\$ ner2 template\$1) and (valid\$ with (error\$1 or misplac\$ or mismatch\$ or miss\$)))

((template\$1 near2 (select\$ or request\$ or display\$ or render\$)) same XML and (template\$ same (error\$1 or misplac\$

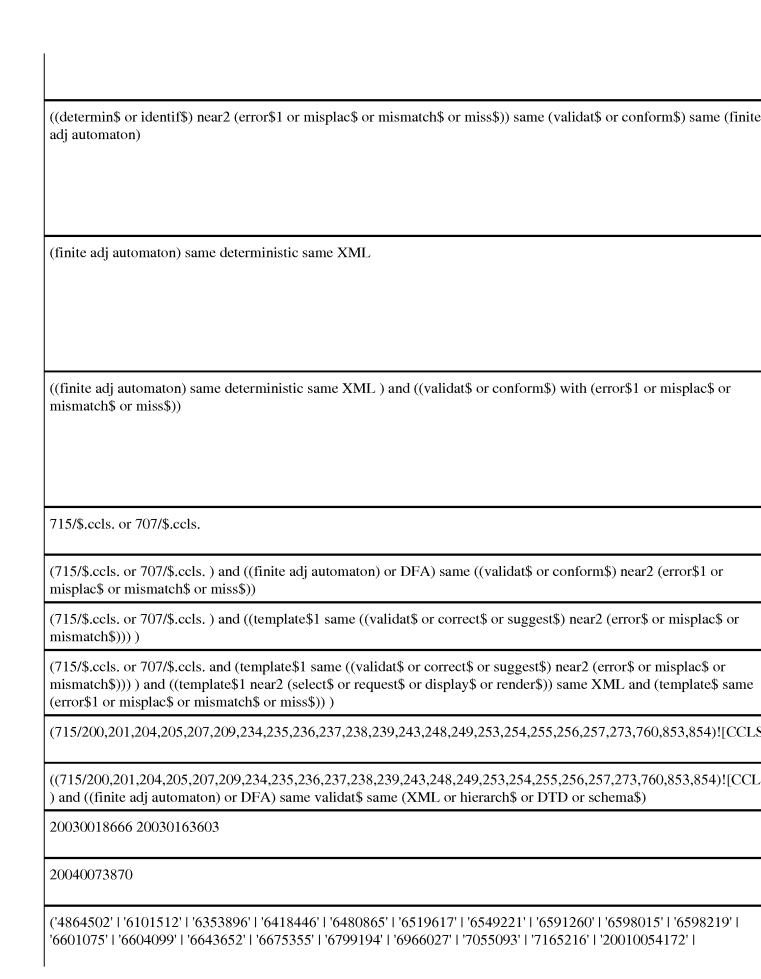
mismatch\$ or miss\$)) ) and (template\$ with ((insert\$ or delet\$ or retag\$ or reus\$) near2 (element\$1 or component\$1))

((template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$)) ) and (valid\$ same (error\$1 or misplac\$ or mismatch\$ or miss\$))

((template\$1 with (command\$1 or argument\$ or parameter\$1 or replac\$ or recognition) with (error\$ or misplac\$ or mismatch\$)) and (valid\$ same (error\$1 or misplac\$ or mismatch\$ or miss\$)) ) and (template\$1 near2 (select\$ or request\$ or display\$ or render\$))

((validat\$ near2 error\$) same (finite adj automaton) same deterministic)

(modif\$ or edit\$ or manipulat\$ or chang\$ or alter\$) same XML same(schema\$ or DTD) same (retag\$ near3 element\$)



| '20020019824'   '20020019837'   '20020073091'   '20020078406'   '20020087571'   '20020099738'   '20020129059'   '20020138517'   '20020157023'   '20020169565'   '20020184401'   '20030005001'   '20030046317'   '20030070158'   '20030093402'   '20030110279'   '20030110311'   '20030115548'   '20030154444'   '20030163603'   '20030182452'   '20040006741'   '20040073870'   '20050060645'   '20050086584'   '20050177543')![pn] |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (6418446 6519617 6549221 6591260 6598015 6598219 6601075 6604099).pn.                                                                                                                                                                                                                                                                                                                                                               |
| 20020019824 20020087571 20030093402 20030110279 20030110311 20030115548 20030163603 20030182452                                                                                                                                                                                                                                                                                                                                     |
| ((finite adj automaton) or DFA) same validat\$ same (XML or hierarch\$ or DTD or schema\$)                                                                                                                                                                                                                                                                                                                                          |
| (retag\$ near3 element\$) same ((new or current) adj location) same (modif\$ or edit\$ or manipulat\$ or chang\$ or alter\$) same (XML or schema\$ or DTD)                                                                                                                                                                                                                                                                          |